

## NATURAL RESOURCES

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## TIMBER HARVEST BY OWNER CLASS AND REGION

Source: Department of Natural Resources (360) 902-1000

### *Million Board Feet<sup>1</sup>*

Calendar Year	Statewide Total	Owner Class					Region <sup>2</sup>		
		State <sup>3</sup>	Private	Other Nonfederal <sup>4</sup>	National Forests	BIA <sup>5</sup>	Other Federal	Western Washington	Eastern Washington
1976	6,972	766	4,415	35	1,215	516	25	5,839	1,133
1977	6,591	797	4,068	55	1,171	476	24	5,422	1,169
1978	6,782	955	4,036	50	1,260	460	21	5,563	1,219
1979	6,968	1,095	4,068	84	1,275	432	14	5,841	1,127
1980	5,721	745	3,508	28	1,089	336	15	4,661	1,060
1981	4,890	468	3,266	9	875	259	13	3,957	933
1982	5,078	439	3,740	6	729	151	13	4,351	727
1983	6,087	548	4,025	2	1,240	238	34	4,962	1,125
1984	5,802	794	3,545	17	1,189	205	52	4,754	1,048
1985	5,964	1,014	3,561	27	1,128	213	21	4,860	1,104
1986	6,556	1,064	3,988	15	1,233	235	21	5,332	1,224
1987	7,035	970	4,365	22	1,423	237	18	5,698	1,337
1988	7,045	826	4,406	39	1,485	271	18	5,748	1,297
1989	6,852	842	4,583	13	1,142	262	10	5,492	1,360
1990	5,849	657	4,147	30	817	183	15	4,674	1,175
1991	5,104	535	3,650	33	703	172	11	4,014	1,090
1992	5,018	476	3,844	43	461	186	8	3,955	1,063
1993	4,329	461	3,321	17	322	192	16	3,307	1,022
1994 <sup>6</sup>	4,086	323	3,383	7	200	169	4	3,178	908
1995	4,392	496	3,490	20	150	230	6	3,417	975
1996	4,249	600	3,274	33	86	255	1	3,273	976

<sup>1</sup>Scribner log scale.

<sup>2</sup>Boundary between the two regions is the county lines along the crest of the Cascade Mountains.

<sup>3</sup>Harvests from lands managed by the Washington State Department of Natural Resources.

<sup>4</sup>Includes public lands owned by cities, counties, public utilities, and state agencies other than Natural Resources.

<sup>5</sup>Bureau of Indian Affairs. Harvest from Indian Nation timberlands located in this state.

<sup>6</sup>Preliminary Data.

Table: NT01

## REFORESTATION OF FOREST LAND

Source: Department of Natural Resources (360) 902-1000

### *Seedlings in Millions*

State Fiscal Year	Seedlings Produced in Nurseries <sup>1</sup>			Acres Planted or Seeded <sup>2</sup>
	Total	DNR	Fed./Priv.	
1982	136.9	16.5	120.5	159,521
1983	132.1	16.0	116.1	140,582
1984	135.5	14.6	120.9	171,168
1985	115.7	11.2	104.5	183,541
1986	111.7	12.1	99.6	171,641
1987	95.9	8.9	87.0	176,243
1988	103.9	11.6	92.3	170,925
1989	84.1	8.6	75.5	178,837
1990	106.0	10.4	95.6	220,761
1991	109.9	13.9	96.0	181,464
1992	96.0	10.7	85.3	156,062
1993	103.4	11.0	92.4	163,442
1994	NA	12.2	NA	NA
1995	NA	11.4	NA	NA
1996	NA	12.8	NA	NA
1997	NA	15.3	NA	NA
1998	NA	16.2	NA	NA
1999	NA	14.3	NA	NA

<sup>1</sup>State fiscal year data.

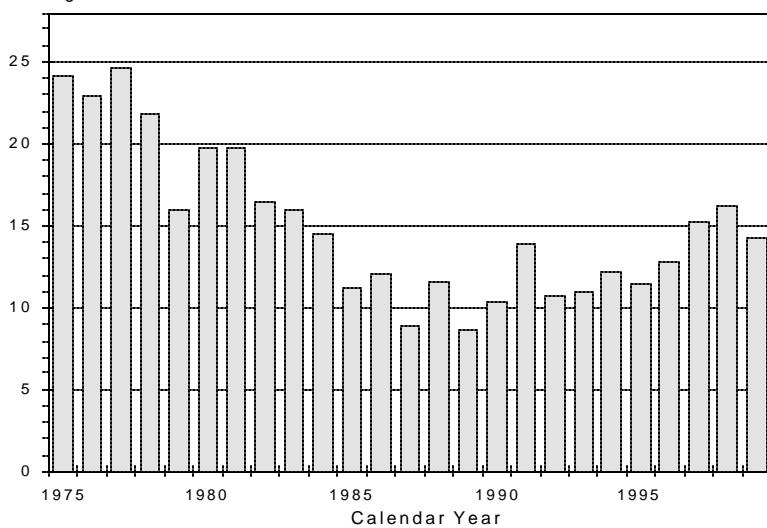
<sup>2</sup>Calendar year data.

Note: Above figures do not include natural reseeding.

Table: NT02

## REFORESTATION OF FOREST LAND SEEDLINGS PRODUCED IN DNR\* NURSERIES

Seedlings in Millions



\*Department of Natural Resources.

## CONSUMPTION OF FOREST PRODUCTS BY INDUSTRY

Source: Department of Natural Resources (360) 902-1000

### Billion Board Feet<sup>1</sup>

Calendar Year	Total	Plywood	Shake &	Post, Pole	Log Export	Pulp & Board	
		Lumber	& Veneer	& Shingle		Logs	Residue <sup>2</sup>
1970	7.076	2.633	0.688	0.189	0.061	1.697	2.254
1972	6.997	2.886	0.860	0.289	0.031	1.956	2.558
1974	6.644	2.800	0.711	0.278	0.052	1.611	2.030
1976	6.308	3.001	0.646	0.287	0.046	1.783	2.768
1978	6.935	3.134	0.674	0.228	0.032	2.597	2.482
1980	5.834	2.434	0.483	0.136	0.037	2.308	2.752
1982	5.219	2.128	0.332	0.096	0.017	2.134	2.667
1984	5.768	2.597	0.392	0.101	0.020	2.265	3.268
1986	5.857	2.733	0.429	0.093	0.021	2.168	3.393
1988	6.944	3.015	0.457	0.062	0.023	2.847	3.361
1990	5.796	2.668	0.330	0.075	0.033	2.372	3.889
1992 <sup>3</sup>	4.753	2.376	0.279	0.016	0.031	1.783	3.828

<sup>1</sup>Scribner Log Scale.

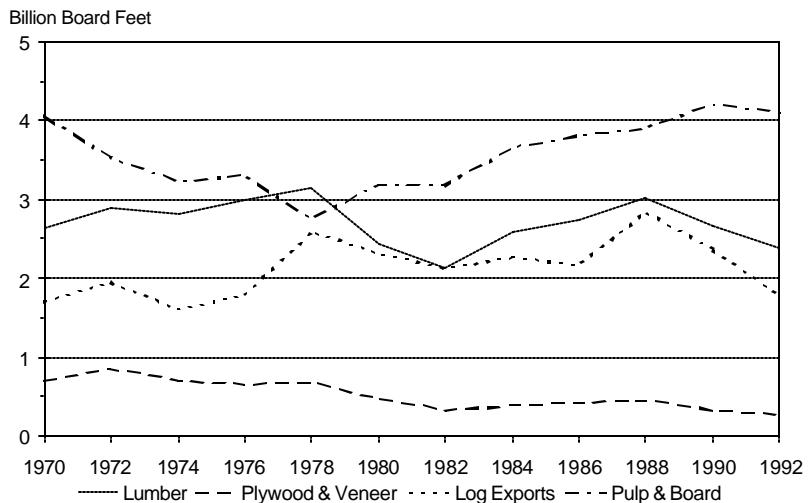
<sup>2</sup>Roundwood equivalent volume. Scribner volume estimate determined using a conversion factor of 2.081 bone dry tons per thousand board feet, Scribner log rule.

<sup>3</sup>Preliminary data.

Note: Survey data. Survey has not been conducted since 1992.

Table: NT03

## CONSUMPTION OF FOREST PRODUCTS BY INDUSTRY



## PRODUCTION AND USE OF WOOD AND BARK RESIDUES FROM LUMBER PRODUCTION

Source: Department of Natural Resources (360) 902-1000

### *Tons in Thousands, Dry Weight*

<b>Calendar Year</b>	<b>1976</b>	<b>1978</b>	<b>1980</b>	<b>1982</b>	<b>1984</b>	<b>1986</b>	<b>1988</b>	<b>1990</b>	<b>1992</b>
<b>Wood Residue</b>									
Pulp & Board	2,071	2,135	1,277	1,449	1,820	1,094	1,916	1,847	2,671
Fuel	1,120	1,310	1,147	763	1,139	1,658	1,731	1,304	1,078
Miscellaneous	278	286	416	300	370	795	387	536	507
Unused	194	226	58	41	51	53	65	64	39
Total	3,663	3,957	2,898	2,553	3,380	3,600	4,099	3,751	4,295
<b>Bark Residue</b>									
Pulp & Board	1	4	0	6	18	18	5	*1	23
Fuel	558	702	532	559	694	685	759	733	934
Miscellaneous	270	283	277	165	231	276	360	325	414
Unused	151	105	28	14	18	30	25	16	13
Total	980	1,094	837	744	961	1,009	1,149	1,074	1,384
Total Wood and Bark	4,643	5,051	3,735	3,297	4,341	4,609	5,248	4,825	5,679

\*1 - Less than 1.

Table: NT04

## FOREST FIRES<sup>1</sup>

Source: Department of Natural Resources (360) 902-1000  
Northwest Interagency Coordination Center

Calendar Year	State Total		U.S.F.S. <sup>2</sup>		D.N.R. <sup>3</sup>		B.I.A. <sup>4</sup>	
	Number of Fires	Acres Burned	Number of Fires	Acres Burned	Number of Fires	Acres Burned	Number of Fires	Acres Burned
1984	1,350	8,218	356	1,608	841	3,842	153	2,768
1985	1,929	65,922	370	12,260	1,380	41,946	179	11,716
1986	1,580	11,966	341	4,504	1,078	2,644	161	4,818
1987	2,204	23,675	424	3,472	1,582	9,915	198	10,288
1988	1,478	95,007	254	50,166	1,072	26,999	152	17,842
1989	1,946	14,346	362	2,318	1,334	8,708	250	3,320
1990	2,104	17,094	735	6,606	1,142	8,762	227	1,726
1991	1,862	48,914	438	2,328	1,174	40,368	250	6,218
1992	1,843	35,752	449	1,251	1,084	10,002	310	24,499
1993	1,026	4,458	250	884	641	2,203	135	1,371
1994	2,133	298,463	608	203,165	1,212	79,407	313	15,891
1995	1,313	5,627	261	1,091	874	3,900	178	636
1996	1,150	35,239	191	4,004	811	10,885	148	20,350
1997	986	5,915	193	582	657	4,650	136	683
1998	1,605	54,622	407	9,340	991	23,511	207	21,771

<sup>1</sup>Does not include National Park Service, U.S. Fish and Wildlife, and Bureau of Land Management lands.

<sup>2</sup>Fires on lands within the jurisdiction of the United States Forest Service.

<sup>3</sup>Fires on lands within the jurisdiction of the Department of Natural Resources.

<sup>4</sup>Fires on lands within the jurisdiction of the Bureau of Indian Affairs on the Colville, Yakima, Spokane, and Puget Sound and Olympic Peninsula agencies nation lands.

Table:

NT05

## INCOME<sup>1</sup> FROM STATE LANDS

Source: Department of Natural Resources (360) 902-1000

*\$ in Thousands*

State Fiscal Year	Income			Distribution of Income				
	Total <sup>2</sup>	Sales <sup>3</sup>	Leases	Other	Trust Funds <sup>4</sup>	Mngmt Funds	Counties <sup>5</sup>	State <sup>6</sup>
1984	119,966	109,250	10,716	-	69,733	32,425	17,571	237
1985	136,705	123,144	13,561	-	76,321	38,089	22,030	265
1986	133,235	122,682	10,553	-	76,971	35,260	20,791	213
1987	148,896	138,540	10,356	-	78,697	46,865	23,211	123
1988	187,796	174,561	13,235	-	116,214	35,932	35,511	139
1989	254,723	211,203	15,312	28,208	126,010	81,014	40,924	6,775
1990	363,888	265,698	15,309	82,881	220,483	95,319	46,069	2,017
1991	329,360	188,997	17,261	123,102	191,749	92,385	42,026	3,200
1992	234,978	169,254	18,475	47,249	105,644	86,664	41,905	765
1993	279,310	172,225	21,464	85,621	123,287	99,406	51,108	5,512
1994	193,662	125,451	26,671	41,539	78,141	78,727	34,546	2,248
1995	276,971	191,967	22,042	62,961	130,415	87,131	52,385	7,039
1996	337,183	289,521	27,607	20,055	131,263	105,158	95,958	4,803
1997	371,430	314,944	30,527	25,960	143,269	115,245	103,764	9,151
1998	294,761	234,940	30,737	29,084	117,013	92,969	78,682	6,099

<sup>1</sup>Income categories modified in 1989. Other includes interest income, equipment rental/sales, fire activity, federal grants, misc.

<sup>2</sup>Totals may not add due to rounding.

<sup>3</sup>Income from the sale of timber, land, and other valuable materials less Forest Road Assessments.

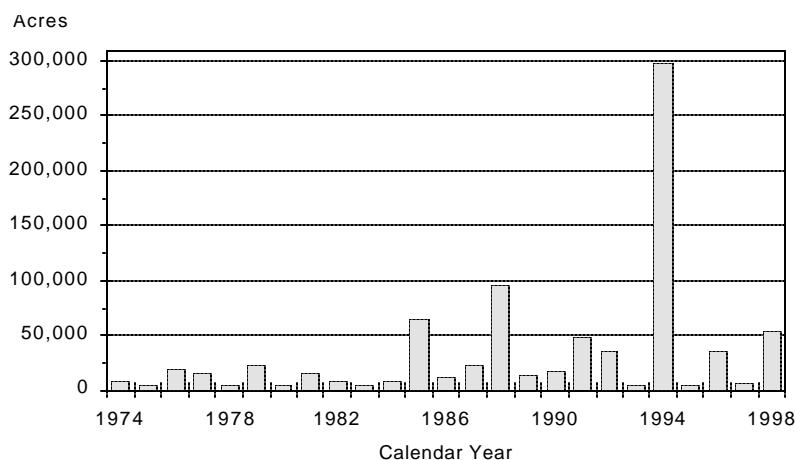
<sup>4</sup>Schools and other grantees. Trusts include the Current Funds (less the county revenues), the Permanent Funds, General Fund, Harbor Improvement, Capitol Purchase and Development, and Aquatic Land Enhancement Account.

<sup>5</sup>Includes both Forest Board Transfer and Purchase.

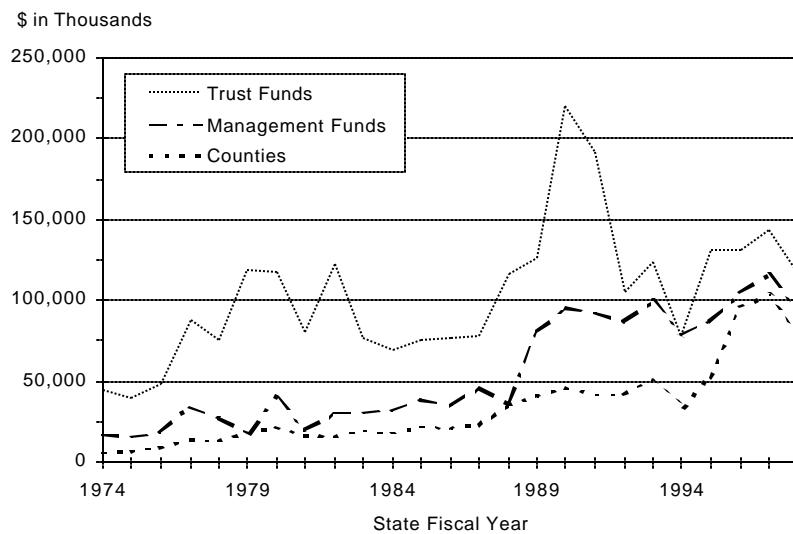
<sup>6</sup>Includes Clarke-McNary, Institutions, Fisheries, Game, Social & Health Services, Natural Resources, Parks, and others.

Table: NT06

## **FOREST FIRES ACRES BURNED**



## **DISTRIBUTION OF INCOME FROM STATE LANDS**



## FARM AND FARMLAND TRENDS

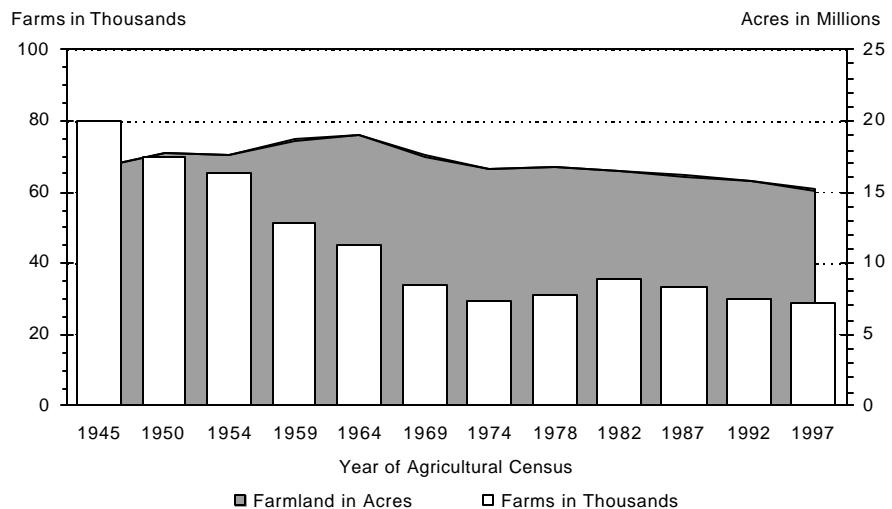
Source: Washington Agricultural Statistics Service, United States Department of Agriculture (360) 902-1940

<b>Year of Census</b>	<b>1964</b>	<b>1969</b>	<b>1974</b>	<b>1978<sup>1</sup></b>	<b>1982</b>	<b>1987</b>	<b>1992</b>	<b>1997</b>
Total Farmland (Acres)	19,052,500	17,559,187	16,661,902	16,721,836	16,469,678	16,115,568	15,726,007	15,179,710
<b>By Farm Size:</b>								
Under 10 Acres	21,946	17,601	15,642	19,009	30,403	27,906	25,187	24,438
10-49 Acres	412,785	267,244	221,077	245,424	299,868	269,450	241,900	232,038
50-179 Acres	1,189,640	879,577	755,448	739,449	759,621	705,312	636,924	608,900
180-499 Acres	1,659,470	1,403,338	1,286,882	1,245,819	1,214,168	1,133,206	1,002,757	940,391
500-999 Acres	1,884,650	1,705,374	1,473,795	1,420,442	1,377,913	1,313,326	1,205,247	1,144,266
1,000-1,999 Acres	2,831,050	2,722,347	2,400,730	2,348,338	2,177,096	2,285,965	2,043,173	2,025,005
2,000+ Acres	11,052,500	10,563,706	10,508,328	10,703,355	10,610,609	10,380,403	10,570,819	10,204,672
Average Size of Farms	418	516	567	540	456	480	520	523
Total Number of Farms	45,574	34,033	29,410	30,987	36,080	33,559	30,264	29,011
<b>By Farm Size:</b>								
Under 10 Acres	4,604	3,708	3,330	4,161	6,425	6,040	5,408	5,195
10-49 Acres	17,098	10,817	8,739	9,896	12,717	11,362	10,115	9,727
50-179 Acres	11,901	8,782	7,626	7,433	7,755	7,216	6,536	6,250
180-499 Acres	5,579	4,696	4,287	4,136	4,038	3,796	3,336	3,138
500-999 Acres	2,625	2,384	2,051	2,000	1,927	1,855	1,699	1,618
1,000-1,999 Acres	2,020	1,953	1,720	1,673	1,548	1,626	1,461	1,436
2,000+ Acres	1,747	1,693	1,657	1,688	1,670	1,664	1,709	1,647

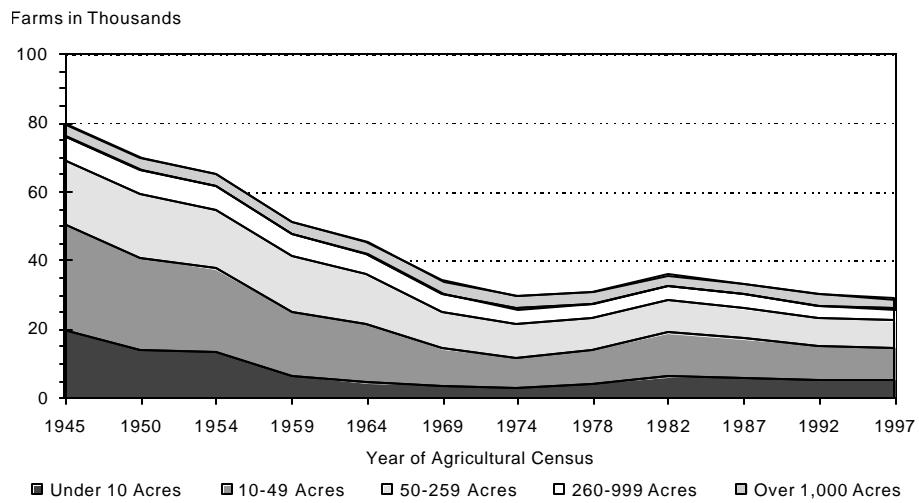
<sup>1</sup>Census procedures and methodology were changed for the 1982 Census of Agriculture. The 1978 data were adjusted to provide data comparable with 1982 census results.

Table: NT07

## FARM AND FARMLAND TRENDS



## NUMBER OF FARMS BY SIZE



## **SUMMARY OF FARM PRODUCTION VALUE**

Source: Washington Agricultural Statistics Service, United States Department of Agriculture (360) 902-1940

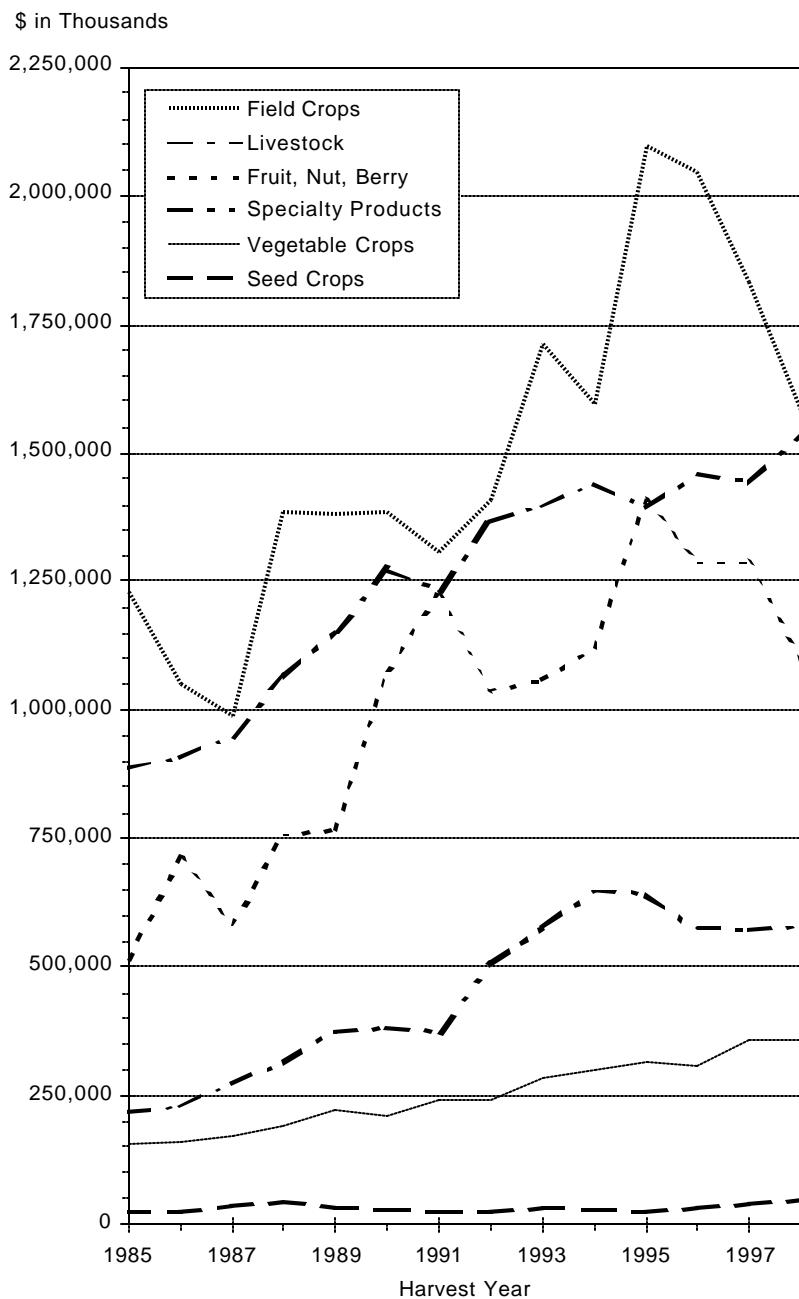
***\$ in Thousands***

<b>Harvest Year</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
Field Crops	987,515	1,384,026	1,380,363	1,384,507	1,308,033	1,409,537	1,710,278	1,594,041	2,095,095	2,047,950	1,832,616	1,584,473
Livestock	948,730	1,066,434	1,151,560	1,271,724	1,234,966	1,366,883	1,396,599	1,441,631	1,396,058	1,457,443	1,443,985	1,537,440
Fruits, Nuts, Berries	586,593	756,487	768,133	1,077,914	1,224,392	1,038,207	1,059,529	1,121,343	1,404,470	1,287,167	1,285,899	1,094,237
Specialty Products <sup>1</sup>	274,326	314,349	374,958	382,915	375,747	505,747	577,919	648,367	640,724	575,704	569,731	579,392
Vegetable Crops	171,064	191,204	219,615	210,348	240,150	242,544	285,169	302,586	317,143	307,635	357,558	357,138
Seed Crops	35,618	40,503	31,792	28,063	24,058	24,647	30,069	27,055	26,086	33,243	37,070	45,100

<sup>1</sup>Specialty products include bulbs, nursery stock, and forest products harvested from farm lands.

Table: NT08

## SUMMARY OF FARM PRODUCTION VALUE



## FIELD CROPS -- TOTAL CROP VALUE

Source: Washington Agricultural Statistics Service, United States Department of Agriculture (360) 902-1940

**\$ in Thousands**

<b>Harvest Year</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
Wheat	522,158	446,864	409,480	367,198	453,474	573,802	525,508	742,500	755,680	560,608	401,933
Potatoes	284,625	331,197	353,496	286,653	346,500	469,050	422,370	553,823	451,203	431,984	419,513
Hay	222,391	246,699	277,728	248,130	247,866	284,580	268,839	328,878	371,347	361,824	326,856
Hops	54,061	57,691	60,396	89,965	98,223	101,220	96,775	99,290	93,953	89,306	71,666
Corn, Grain	40,800	44,888	38,500	45,144	40,392	47,120	52,448	66,861	69,930	54,150	50,350
Corn, Silage	24,000	25,000	24,840	26,208	25,200	27,040	30,420	34,344	37,700	45,430	43,500
Barley	85,064	65,082	47,954	82,992	41,184	46,461	28,527	59,299	72,019	80,630	49,010
Peppermint	20,292	17,629	19,355	15,035	19,264	20,238	26,773	34,272	35,783	32,395	29,100
Dry Edible Beans	20,850	23,968	18,605	19,200	14,554	18,913	18,144	20,746	17,324	18,445	19,135
Sugarbeets <sup>1</sup>	-	-	-	-	-	-	-	-	-	23,146	46,369
Spearmint	14,754	13,885	22,626	23,325	31,593	22,762	17,228	17,275	18,630	20,671	22,491
Lentils	10,056	11,664	13,804	16,380	17,995	17,490	12,710	17,745	11,730	14,495	8,789
Dry Edible Peas	21,593	22,365	19,384	17,491	13,760	16,934	15,781	26,640	16,286	20,444	14,298
Oats	4,807	3,827	3,221	3,588	2,646	2,978	1,508	1,960	2,016	2,380	1,463
Other <sup>2</sup>	58,575	69,604	75,118	66,724	56,886	61,690	77,010	91,462	94,349	76,708	80,000
Total	1,384,026	1,380,363	1,384,507	1,308,033	1,409,537	1,710,278	1,594,041	2,095,095	2,047,950	1,832,616	1,584,473

<sup>1</sup>Included with "Other" prior to 1997.

<sup>2</sup>Includes wrinkled seed peas, rapeseed, canola, grass silage, soybeans, triticale, etc.

Table: NT09

## VEGETABLE CROPS -- TOTAL CROP VALUE<sup>1</sup>

Source: Washington Agricultural Statistics Service, United States Department of Agriculture (360) 902-1940

***\$ in Thousands***

<b>Harvest Year</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
Asparagus <sup>1</sup>	55,074	54,916	56,932	59,040	55,790	56,304	58,659	63,312	64,204	61,292
Sweet Corn <sup>1</sup>	38,864	39,469	42,655	41,461	47,697	53,053	69,221	57,584	61,905	65,721
Onions, Dry, Summer	36,001	26,286	40,998	44,234	83,250	62,702	45,940	60,479	99,569	84,255
Carrots <sup>1</sup>	14,407	15,001	17,882	27,143	23,409	25,440	38,481	27,902	29,120	28,268
Green Peas, Processing	25,977	23,878	29,403	22,645	22,115	33,805	30,246	20,408	25,342	26,999
Lettuce	8,120	7,728	3,650	4,061	3,188	3,432	4,586	2,200	2,718	2,703
Other <sup>2</sup>	41,172	43,070	48,630	43,960	49,720	67,850	70,010	75,750	74,700	87,900
Total	219,615	210,348	240,150	242,544	285,169	302,586	317,143	307,635	357,558	357,138

<sup>1</sup>Fresh Market and Processing combined.

<sup>2</sup>Includes beets, spinach, lima beans, broccoli, cantaloupes, cauliflower, celery, hothouse cucumbers, eggplant, garlic, green onions, parsnips, peppers, pumpkins, radishes, rhubarb, rutabagas, turnips, squash, tomatoes, watermelons, etc. Also includes fresh market production of field cucumbers, snap beans, and green peas.

Table: NT10

## FRUIT, NUT, AND BERRY CROP -- TOTAL CROP VALUE

Source: Washington Agricultural Statistics Service, United States Department of Agriculture (360) 902-1940

**\$ in Thousands**

<b>Harvest Year</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
Apples	505,050	466,000	784,950	946,900	716,550	709,100	795,250	1,021,750	912,700	821,400	684,500
Cherries, Sweet	60,918	67,390	62,602	51,580	74,895	94,036	88,700	106,519	118,940	132,694	127,725
Pears, Other	54,618	64,596	72,411	71,340	65,590	49,940	58,010	76,730	86,250	69,900	60,860
Grapes, All	44,601	69,158	56,877	54,688	66,747	89,929	57,600	73,676	57,744	124,410	107,004
Pears, Bartlett	35,868	40,430	43,812	43,212	46,236	43,831	39,367	41,436	39,518	53,770	42,934
Red Raspberries	13,482	18,840	10,532	16,449	22,005	28,126	39,423	35,182	30,459	28,020	22,664
Cranberries	6,062	6,677	6,944	7,458	7,615	6,371	9,453	8,779	10,980	9,191	5,393
Strawberries	6,838	5,440	6,446	5,248	4,856	5,946	5,456	5,426	6,605	4,520	6,040
Blueberries	4,932	4,326	3,720	3,370	5,771	3,409	4,182	3,096	5,639	7,769	6,565
Peaches	9,660	11,212	13,498	6,351	10,732	10,145	8,953	13,994	5,100	19,335	17,556
Apricots	4,162	2,236	4,291	5,099	5,070	6,280	4,989	6,659	4,259	5,335	3,248
Prunes & Plums	2,521	2,187	2,322	2,304	1,784	1,527	1,281	2,046	2,685	1,193	1,536
Cherries, Tart	936	1,139	1,158	3,528	2,816	2,974	2,464	1,380	2,315	1,350	1,680
Hazelnuts	178	206	176	151	124	205	180	281	235	329	96
Other <sup>1</sup>	6,661	8,296	8,175	6,714	7,416	7,710	6,035	7,516	3,738	6,683	6,436
Total	756,487	768,133	1,077,914	1,224,392	1,038,207	1,059,529	1,121,343	1,404,470	1,287,167	1,285,899	1,094,237

<sup>1</sup>Includes miscellaneous fruits, nuts, and berries.

Table: NT11

## LIVESTOCK AND RELATED PRODUCTS -- TOTAL VALUE

Source: Washington Agricultural Statistics Service, United States Department of Agriculture (360) 902-1940

Year	<b>\$ in Thousands</b>									
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Milk	559,210	602,863	560,331	648,123	638,724	681,250	688,194	792,277	732,423	847,641
Cattle & Calves	393,647	472,113	464,342	488,252	528,948	503,120	449,708	407,123	468,580	447,415
Eggs	79,131	79,472	78,233	68,948	74,628	83,403	93,241	89,897	75,024	69,023
Chickens & Broilers	51,363	51,132	54,361	58,648	61,459	70,414	68,397	74,704	74,894	81,818
Aquaculture <sup>1</sup>	28,211	23,994	38,604	51,719	40,106	51,232	40,554	35,430	34,315	34,315
Hogs & Pigs	9,411	11,581	7,739	6,908	6,508	5,464	6,311	10,707	7,365	5,047
Trout	4,230	4,764	5,027	5,864	5,889	4,760	6,368	5,955	5,631	6,440
Mink	6,198	4,396	3,668	3,237	3,502	3,587	5,576	4,130	4,018	4,070
Sheep & Lambs	3,956	2,906	2,635	2,826	2,715	3,440	2,960	3,583	3,970	3,183
Honey	1,449	2,200	2,035	2,042	1,647	2,009	2,018	3,132	2,371	1,893
Wool	668	348	246	319	270	249	315	256	231	182
Equine <sup>2</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	16,800	18,000
Other <sup>3</sup>	14,086	15,955	17,745	29,997	32,203	32,703	32,416	30,249	18,363	18,413
Total	1,151,560	1,271,724	1,234,966	1,366,883	1,396,599	1,441,631	1,396,058	1,457,443	1,443,985	1,537,440

<sup>1</sup>Data provided by Washington State Dept of Fish and Wildlife. Data for 1998 not available at time of publication; 1997 data carried forward.

<sup>2</sup>Equine included in "other" prior to 1997.

<sup>3</sup>Includes horses (through 1996), turkeys, ducks, geese, burros, donkeys, mules, goats, mohair, rabbits, chinchilla skins, etc.

<sup>4</sup>NA - Not Available: included in "Other".

Table: NT12

## WASHINGTON'S RANK IN THE NATION'S AGRICULTURE

Source: Washington Agricultural Statistics Service,  
United States Department of Agriculture (360) 902-1940

Year	Rank					Percent of U.S.				
	1994	1995	1996	1997	1998	1994	1995	1996	1997	1998
<u>Crops</u>										
Hops	1	1	1	1	1	73.3	75.0	76.9	74.5	75.2
Spearmint Oil	1	1	1	1	1	66.0	64.4	74.1	73.0	71.7
Dry Edible Peas	1	1	1	1	1	62.5	58.2	52.6	45.6	39.5
Lentils	2	1	1	1	1	49.6	47.2	51.2	46.3	43.2
Wrinkled Seed Peas	1	1	2	1	1	51.2	53.0	42.3	58.1	63.2
Peppermint Oil	2	2	2	2	2	26.8	30.5	31.8	29.5	29.9
Potatoes, Fall	2	2	2	2	2	21.1	20.0	20.9	20.8	21.5
Wheat, All	5	4	3	5	5	5.8	7.0	8.0	6.7	6.2
Barley	5	5	5	4	4	3.8	5.8	7.0	9.9	9.6
Dry Edible Beans	8	8	8	8	8	2.9	2.9	2.5	2.9	2.9
<u>Fruit</u>										
Grapes, Concord	1	1	2	1	1	39.3	52.9	28.2	54.6	42.1
Grapes, Niagara	3	2	3	1	3	22.3	30.9	16.9	32.2	24.9
Apples, All	1	1	1	1	1	50.9	45.8	53.0	48.4	56.2
Sweet Cherries	1	1	1	1	1	39.6	45.4	44.8	42.1	45.8
Pears, All	1	1	2	1	1	37.5	44.3	36.6	43.6	39.3
Apricots	2	2	2	2	2	5.1	10.7	3.8	5.1	4.3
Prunes and Plums	3	3	2	3	3	1.8	2.0	1.3	1.3	2.2
Grapes, All	2	2	3	2	2	3.8	5.5	2.6	4.4	3.8
Tart Cherries	4	4	4	4	4	4.6	2.9	5.2	4.6	4.0
Peaches	5	7	9	7	6	1.6	1.9	0.5	1.8	2.1
<u>Vegetables</u>										
Asparagus	2	1	1	1	2	40.4	42.0	41.6	40.9	38.7
Carrots, Processing	1	1	1	1	1	28.9	36.9	33.2	36.9	33.1
Sweet Corn, Processing	3	1	3	2	1	17.7	24.8	20.7	23.3	25.3
Green Peas, Processing	1	1	3	2	2	24.9	24.1	19.7	21.8	22.8
Dry Onions, Summer	4	3	3	3	2	10.7	11.9	13.7	16.2	15.7
Carrots, Fresh	6	4	4	5	4	2.0	3.4	3.2	2.9	3.0
<u>Berries</u>										
Red Raspberries	1	1	1	1	1	68.3	73.9	73.9	79.1	82.1
Blueberries	6	6	5	5	5	6.4	4.0	6.7	5.1	7.0
Cranberries	5	4	5	5	5	4.3	4.2	3.9	3.0	3.0
Strawberries, All	6	5	5	6	5	0.7	0.6	0.6	0.6	0.7
<u>Livestock</u>										
Butter Production	3	3	3	3	4	9.3	7.8	8.1	7.9	6.6
Trout, Total Sales	4	3	4	4	4	7.4	8.6	7.1	7.7	7.7
Mink Pelts	6	6	6	7	6	4.3	3.9	4.4	4.3	4.9
Milk Production	8	8	8	8	9	3.4	3.4	3.4	3.4	3.4
Milk Cows <sup>1</sup>	9	9	9	10	10	2.7	2.8	2.7	2.7	2.7
Egg Production	18	15	17	17	17	1.9	1.9	1.8	1.8	1.7
Farm Chickens <sup>2</sup>	16	16	17	17	16	1.9	1.8	1.8	1.7	1.6
Honey Production	15	19	17	18	18	1.7	1.7	1.7	1.6	1.3
Broiler Production	20	21	21	21	NA <sup>3</sup>	0.6	0.6	0.5	0.5	NA <sup>3</sup>
Sheep and Lambs <sup>1</sup>	29	29	28	28	28	0.6	0.6	0.6	0.7	0.7
All Cattle and Calves <sup>1</sup>	28	29	30	30	29	1.4	1.3	1.2	1.2	1.2

<sup>1</sup>January 1 inventory of the next calendar year.

<sup>2</sup>December 1 inventory.

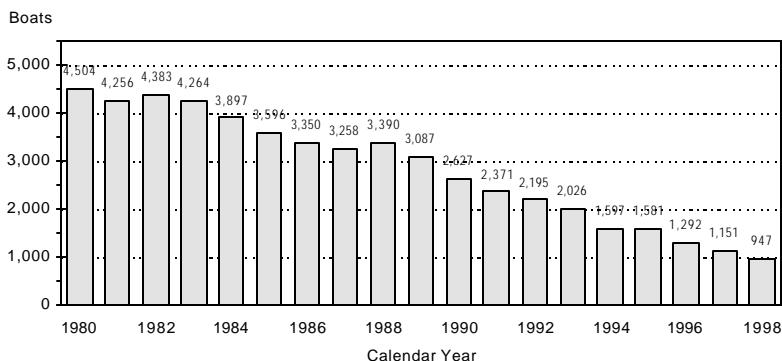
<sup>3</sup>NA. Not published to avoid disclosure of individual operations

Table: NT13

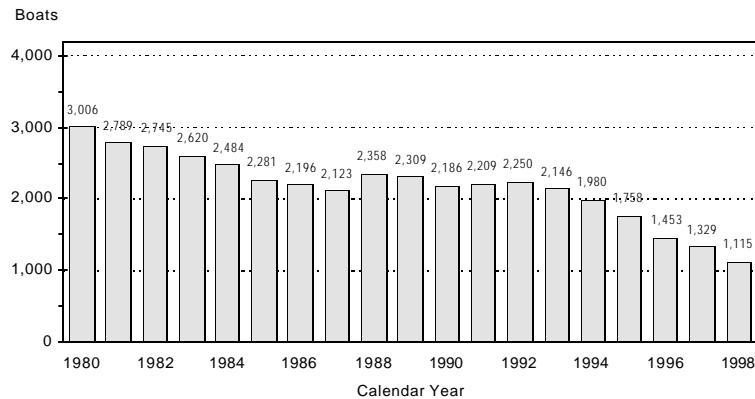
## LICENSED FISHING BOATS BY VESSEL SIZE

Source: Department of Fish and Wildlife (360) 902-2200

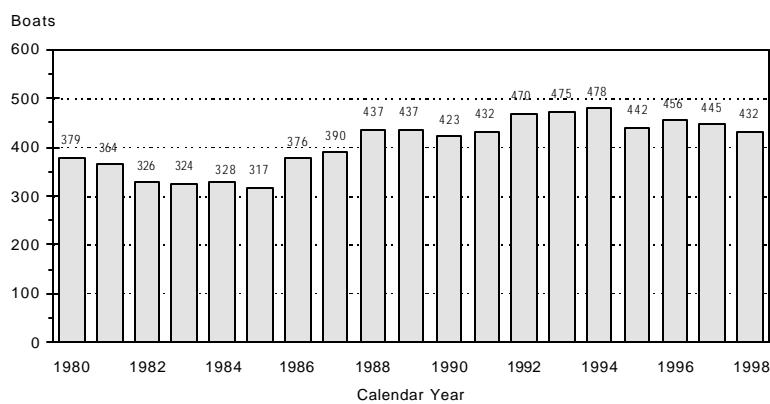
### Under 5 Tons



### 5 to 50 Tons



### Over 50 Tons



## FOOD FISH PRODUCTION -- VOLUME AND HARVEST VALUE

Source: Department of Fish and Wildlife (360) 902-2200

### *All Numbers in Thousands*

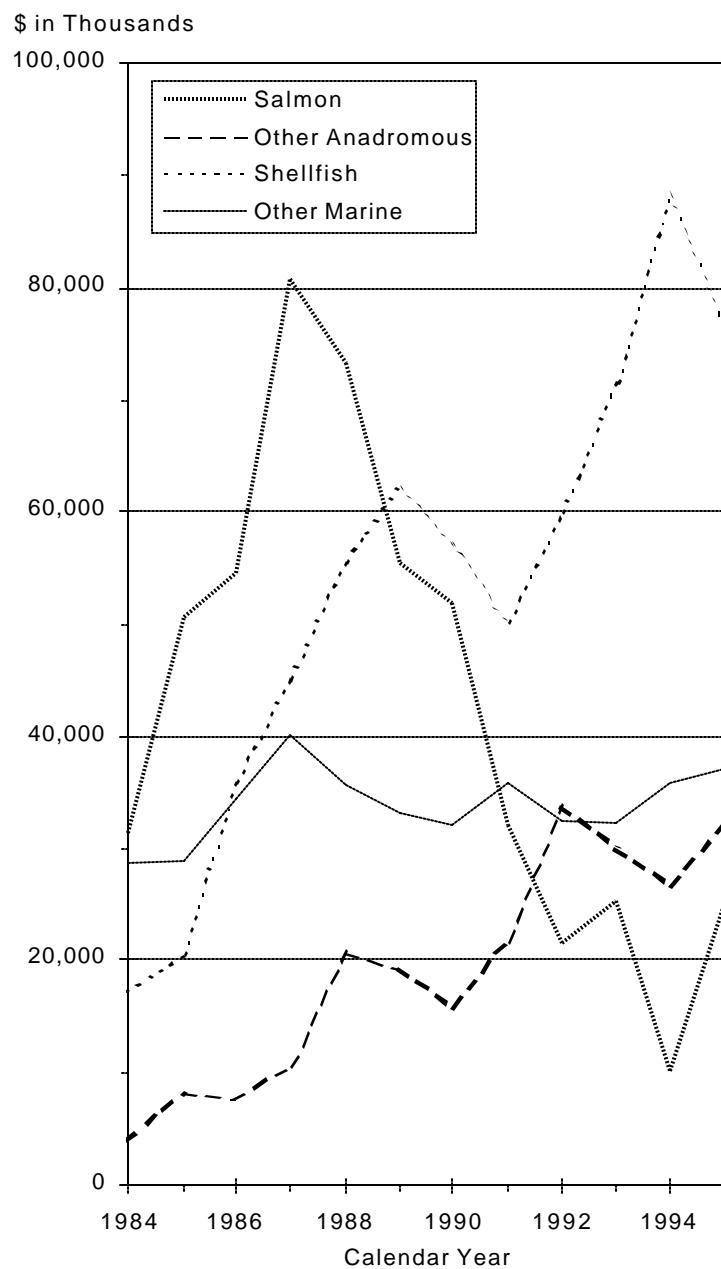
<b>Calendar Year</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994<sup>1</sup></b>	<b>1995<sup>1</sup></b>
<b>Salmon</b>												
Volume - lbs.	27,784	65,884	49,660	56,446	41,748	54,055	39,790	45,228	24,742	36,411	24,437	29,304
Value - \$	31,402	50,598	54,513	80,804	73,286	55,547	51,955	32,066	21,613	25,240	10,207	24,940
<b>Other Anadromous Fish<sup>2</sup></b>												
Volume - lbs.	3,680	6,348	7,399	6,603	9,360	8,700	6,843	9,198	14,099	10,794	10,593	11,759
Value - \$	3,968	8,236	7,723	10,589	20,622	19,368	15,677	21,523	33,688	30,007	26,680	31,924
<b>Shellfish</b>												
Volume - lbs.	24,360	29,670	43,482	47,954	68,254	64,447	49,073	42,738	51,183	57,829	48,403	44,888
Value - \$	17,305	20,465	35,763	45,084	55,481	62,176	57,050	50,007	59,933	71,488	88,163	76,534
<b>Other Marine Fish</b>												
Volume lbs.	125,571	108,387	102,375	113,311	92,771	94,443	85,580	95,599	90,718	84,123	66,987	81,232
Value \$	28,708	28,840	34,425	40,173	35,608	33,143	32,140	35,801	32,451	32,300	35,783	37,198
<b>Total</b>												
Volume lbs.	181,395	210,289	202,916	224,314	212,133	221,645	181,286	192,763	180,742	189,147	150,421	167,184
Value \$	81,383	108,139	132,424	176,650	184,997	170,234	156,822	139,397	147,685	159,035	160,834	170,597

<sup>1</sup>Preliminary. Subject to change.

<sup>2</sup>Anadromous Fish: Saltwater fish that return to freshwater to spawn; e.g., sturgeon, shad, smelt, aquaculture fish.

Table: NT14

## FOOD FISH PRODUCTION HARVEST VALUE



## RETURNS OF ADULT SALMON TO HATCHERIES AND EGGS TAKEN

Source: Department of Fish and Wildlife (360) 902-2200

Calendar Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
<u><b>Chinook</b></u>										
Returns to Hatcheries	119,745	136,204	115,124	82,773	87,040	103,621	100,732	118,048	146,842	134,073
Eggs Taken	171,145,809	186,574,200	170,188,735	139,432,754	135,086,950	126,719,400	139,438,179	141,667,267	138,660,337	125,180,182
<u><b>Coho</b></u>										
Returns to Hatcheries	329,269	294,365	232,231	436,714	3,947,806	208,988	286,187	204,270	258,448	214,160
Eggs Taken	160,611,400	161,858,050	127,979,400	162,427,455	109,878,897	103,458,350	92,550,415	63,519,836	67,573,960	60,768,815
<u><b>Chum</b></u>										
Returns to Hatcheries	91,027	58,198	45,566	122,252	177,911	129,093	248,005	118,731	160,589	72,232
Eggs Taken	56,599,500	48,037,600	27,052,300	53,337,600	61,278,100	58,493,300	48,279,134	49,417,300	3,623,4078	31,977,200
<u><b>Pink<sup>1</sup></b></u>										
Returns to Hatcheries	-	23,675	-	16,437	-	23,957	-	24,865	1	15,533
Eggs Taken	-	1,066,000	-	2,650,500	-	5,469,000	-	6,132,100	-	6,460,400
<u><b>Sockeye<sup>2</sup></b></u>										
Returns to Hatcheries	-	309	815	4,883	6,595	11,924	21,210	5,819	13,639	17,889
Eggs Taken	-	130,000	369,000	2,565,700	2,995,900	9,264,400	8,058,082	5,566,900	15,017,475	10,970,000
<u><b>Total</b></u>										
Returns to Hatcheries	540,041	512,751	393,736	663,059	4,219,352	477,583	656,134	471,733	579,518	453,887
Eggs Taken	388,356,709	397,665,850	325,589,435	360,414,009	309,239,847	303,404,450	288,325,810	266,303,403	254,485,850	235,356,597

<sup>1</sup>Pink salmon return to Washington State only on odd years.

<sup>2</sup>Sockeye salmon were included in the hatchery program starting in 1989.

Note: Data are for Department of Fish and Wildlife hatcheries only.

Table: NT15

**HATCHERY PLANTED SALMON**  
Source: Department of Fish and Wildlife (360) 902-2200

Calendar Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
<u><b>Chinook</b></u>										
Pounds	2,549,103	2,497,942	2,817,042	2,865,181	2,822,962	2,585,995	2,655,748	3,072,802	2,897,722	2,789,832
Number	133,697,945	137,129,194	131,993,683	114,449,198	110,955,047	100,339,153	87,518,504	113,143,107	106,593,710	110,915,158
<u><b>Coho</b></u>										
Pounds	2,520,112	2,402,564	2,436,979	2,197,760	2,465,894	2,086,885	1,786,892	2,271,888	2,411,922	1,903,511
Number	57,529,513	67,281,647	59,817,488	52,006,978	69,102,317	48,181,046	39,208,759	44,880,670	45,966,977	39,358,006
<u><b>Chum</b></u>										
Pounds	98,726	94,574	92,673	70,641	81,816	79,343	68,048	72,484	79,926	58,312
Number	51,983,835	48,149,000	41,224,400	27,219,885	44,347,000	43,863,800	38,304,000	36,246,294	43,365,895	30,985,575
<u><b>Pink</b></u>										
Pounds	7,140	-	3,204	-	4,859	-	6,532	-	7,696	-
Number	6,270,800	-	1,083,398	-	2,316,500	-	3,482,400	-	4,491,440	-
<u><b>Other<sup>1</sup></b></u>										
Pounds	-	368	19,574	12,845	8,348	25,136	31,849	1,293,929	1,357,430	2,614,674
Number	-	11,310	330,440	372,102	2,246,623	3,555,061	8,604,193	15,925,045	15,440,495	51,557,441
<u><b>Total</b></u>										
Pounds	5,175,081	4,995,448	5,369,472	5,146,427	5,383,879	4,777,359	4,549,069	6,711,103	6,754,696	7,366,329
Number	249,482,093	252,571,151	234,449,409	194,048,163	228,967,487	195,939,060	177,117,856	210,195,116	215,858,514	232,816,180

<sup>1</sup>Includes sockeye and steelhead. Increase in "Other" due to Cedar River Sockeye production.

Note: Data are for Department of Fish and Wildlife hatcheries only.

Table: NT16

## VALUE OF WASHINGTON MINERAL PRODUCTION

Source: Department of Natural Resources (360) 902-1000

**\$ in Millions**

Calendar Year	Total	Sand,	Sub-Total		Other <sup>2</sup>
		Stone & Gravel	Coal	Cement & Other <sup>1</sup>	
1978	174.1	70.4	NA	103.7	30.8
1979	224.9	95.4	NA	129.5	47.2
1980	283.9	76.3	76.5	131.1	41.9
1981	289.6	77.5	77.1	135.0	32.9
1982	277.5	72.8	94.9	109.8	30.8
1983	290.2	84.5	102.8	102.9	NA <sup>1</sup>
1984	311.5	98.0	108.9	104.6	NA <sup>1</sup>
1985	366.8	99.0	123.2	144.6	NA <sup>1</sup>
1986	377.6	115.8	123.1	138.7	75.7
1987	525.7	120.0	123.7	282.0	44.0
1988	523.4	136.0	123.4	264.0	36.0
1989	610.7	180.3	130.0	300.4	NA <sup>1</sup>
1990 <sup>3</sup>	607.6	200.5	134.4	272.8	NA <sup>1</sup>
1991	610.2	200.3	127.5	282.4	NA <sup>1</sup>
1992	595.0	199.3	116.7	279.0	NA <sup>1</sup>
1993	608.7	226.6	103.5	278.5	NA <sup>1</sup>
1994	665.4	258.5	108.9	297.9	NA <sup>1</sup>
1995	697.8	231.8	116.0	350.0	NA
1996	650.0	243.4	115.0	212.0	78.9
1997	NA	272.0	NA	NA	NA

<sup>1</sup>Data not available for Cement and Other categories separately due to disclosure laws.

<sup>2</sup>Includes gold, silver, copper, lead, zinc, tungsten, etc.

<sup>3</sup>Estimated.

Table: NT17

## MINERAL PRODUCTION VALUE

